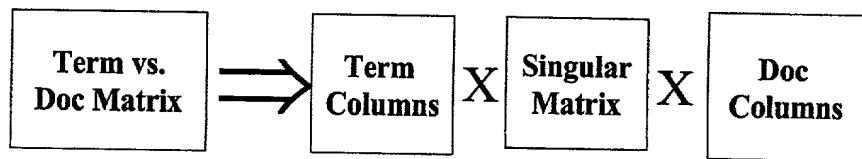


	Doc #1	Doc #2	...	Doc #n
able	1	0	...	1
acid	0	2	...	0
...
<i><term m></i>	1	0		1

FIGURE 1 Term by Document Matrix



SVD Extracts Key Relationships among Terms - Basis for Conceptual Matching

FIGURE 2 – Singular Value Decomposition (SVD) Operation

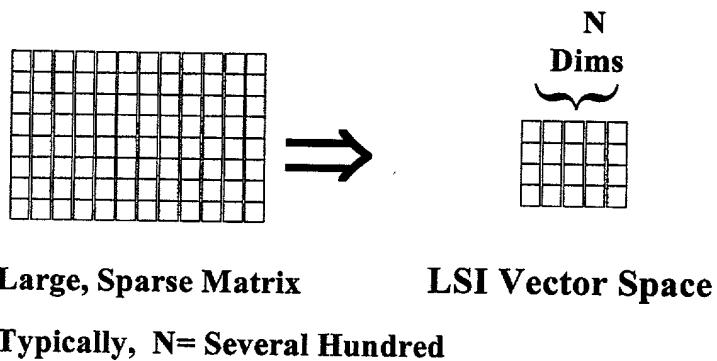


FIGURE 3 – Dimensionality Reduction

FIGURE 4

